

# COCHISE REVIEW

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## IN THE MINES

Operations in Cochise County, Sonora and Throughout the Territory

### THE SOUTH BISBEE.

#### A Corporation that is Developing a Valuable Copper Property.

It may be asserted with a reasonable degree of certainty, that within a few years there will be built up in the Warren mining district a copper producing center that will rival in its extent, amount of copper produced and wealth, the famed regions of Montana and Michigan.

Already the district has one mining corporation of world-wide reputation—the Copper Queen—which stands sixth or seventh in rank among the copper producing properties of the world. Notwithstanding this company has been working its properties for a period of twenty years, and much of that time on an extensive scale, they have really only commenced the development of their immense holdings. Compared with the deep workings of the Michigan and Montana mines, the Copper Queen has not much more than scratched the surface, yet these mines have produced millions, and, judging from the record of other copper mines, the future wealth to be taken out of the ground here can only be guessed at, it will be so immense.

Encouraged by these results, other companies have been organized to exploit mineral ground in this district, the organizers of these companies believing, from the formation and contour of the country, that the copper bearing area extended far beyond the ground included in the holdings of the Copper Queen. Prominent among these newer companies is the South Bisbee Copper Mining and Townsite Improvement company. Their property, which consists of forty-five claims, lies about two miles and a half from Bisbee in a southerly direction. The formation in which these claims are situated is of the same general character as that of the entire district—lime and iron.

The company was organized about three years ago, and has been actively engaged in the development of its properties for the past two years and a half, and the results have been satisfactory, the development work showing that they have a property of great value.

Their shaft No. 2, which is about half a mile distant from the track of the A. & S. E. R. R., has reached a depth of 829 feet, and is the deepest shaft in the district. It is equipped with a hoist consisting of a 75-horse power boiler and a 40-horse engine, the whole enclosed by a substantial building. From the bottom of this shaft is a 300-foot drift, which tapped a large body of copper ore of high grade. The extent of this ore body has not yet been fully determined, but all indications point to an extensive deposit. From this shaft a large amount of ore has been shipped, the average of which has been between 19 and 20 per cent copper.

Over a hill, about half a mile distant, is shaft No. 3, which has reached a depth 280 feet. At this shaft a fine hoist has been erected, with a 40-horse power engine and a 60-horse boiler. A building to enclose it is now in process of erection under the superintendence of E. G. Norton, and will be finished in time to protect it from the storms of winter. From this shaft has been taken a large amount of ore, which is much richer than that taken from shaft No. 2, it showing a value of 29 per cent copper, 36 ounces silver and \$8.22 in gold. The company ships about 60 tons of ore per month.

All the work has been done in a first class manner. Sinking in the No. 2 shaft has been discontinued for the present, but is being actively pushed in shaft No. 3, and there is sufficient timber material for an additional depth of 300 feet.

This company is not to be classed among those stock jobbing concerns that do their mining on stock exchanges and by means of lurid advertisements in newspapers, but is prosecuting development work in a systematic and conscientious manner, at the smallest expense compatible with good work, and it is gratifying to know that an extremely valuable property is being developed, and one that will add largely to the wealth and prosperity of this community.

J. A. Fairchild, of San Francisco, is president of the company; H. W. Lewis, of Los Angeles, secretary; Gen. Peter Weidner, superintendent and general manager. Mr. Maurice Denn is superintendent and general manager on the ground, and under his direction the work is being ably and economically carried on.

### The Spray Shaft Hoist.

A test of speed was made of the big hoisting engine at the Spray shaft last week and it developed a speed of 2,500 feet per minute although it was put in under a guarantee of 1,800 feet per minute. This engine is one of the finest on the coast and the makers, Fraser and Chalmers, had the first one on exhibition at the World's Fair in 1893. It was there that Mr. Clawson's attention was attracted to it. It has a capacity of 250-horse power and at a low estimate 1,000 tons of ore can be hoisted from the Spray shaft in one day. The entire engine and galloways frame is enclosed in one building, the iron supports being one hundred feet in length. In all the territory we doubt if there is a more well appointed and commodious hoisting plant to be found. The hoisting engine is the design of H. Unsaker. The breaks and reversing levers work by steam and are so easy and simple that a child could handle them. On Monday last a 600-light electric motor was installed which will furnish lights for the hoisting building and the mine. The engineers who handle this mammoth piece of machinery are J. E. West, John Bowen and J. B. Wright.

### In the Clifton Country.

[Copper Era.]

George Fraser, one of the smelter foremen, has been promoted to general foreman of the smelter. Harry Vance was appointed to fill the place made vacant by Mr. Fraser's promotion.

J. D. Weaver and son arrived from Nevada, Missouri, last week and are now doing the annual assessment work on the Copper Cliff group of mines above Clifton.

Col. P. R. Smith, a mining promoter of note, who is spending a few weeks here in the interest of eastern capitalists, left Tuesday last for Silver City in order to close some deals he has pending there.

Alexander Veich has been promoted to the important position of assistant superintendent of the A. C. company. Innes Murray, who formerly occupied the position, has resigned and is now living in California.

Ernest Frye, an old time prospector and mining man of Metcalf, returned Monday night from Tucson, where he spent the past two months in the hospital. His health has greatly improved and he expects to be able to get down to business and will put some men to work at once on his mines.

While doing the assessment work on the Copper Bluff, one of the Lezinsky group on Chase creek, Mr. Ike Stevens on Friday last encountered a streak of sulphides, which widened out until it now covers the face of the drift. Mr. Stevens regards it as a strike of much importance.

N. S. Berry, a mining expert, arrived Monday night and is examining mining property on Chase creek for eastern capitalists.

Joseph A. Turner last week shipped a car load of ore to the El Paso smelter. The ore is a high grade sulphide and came from the Santa Rosa group. Shipments will continue to be made as fast as the ore can be gotten out.

The amount of copper produced by the Arizona Copper company last month was 910 short tons, an increase of 20 tons over last month. The production of bluestone was largely in excess of last month, but the report is not made up at this writing. The company is now shipping bluestone to Italy. Its market heretofore was confined principally to Mexico.

Mr. Davey, a mining expert from London, who was sent here to examine the Lezinsky group of mines, finished his labors Monday last, and left for the east. Mr. Davey has been in nearly all of the mining regions of the world, but this was his first trip to Arizona. He expressed himself as greatly surprised at the mineral wealth of this section, and expressed the opinion that it would soon be the leading copper camp of the west.

Joseph Billingsley, formerly in the employ of the A. & N. M. railroad, has accepted a situation in the construction department of the road now building from Don Luis station eastward.

Mr. and Mrs. E. M. Williams returned from a bridal tour through Mexico Friday last and are now house-keeping at their home on Frisco avenue.

Coronado Lodge No. 8, F. & A. M., held its annual meeting Saturday night last and elected officers as follows: E. L. Davis, W. M.; John T. Nichols, S. W.; Frank H. Hudson, J. W.; James S. Crompt, secretary; M. H. Tales, treasurer. Coronado lodge is in a most flourishing condition, and has one of

the handsomest lodge rooms in the territory.

Accommodation train No. 5, while coming around a bend a few miles below town, met with an accident Friday last. Four coke cars, which were a little top heavy, broke loose from the train and tumbled over on the ground. They were badly wrecked. No one on the train was hurt.

### From the Globe District.

David James and H. W. Bruce enterprising miners from the new gold fields in the vicinity of Troy were in Globe most of the week laying in supplies for their camp.

It would look as if the amount of criminal business on hand for the approaching term of the district court would hardly justify the assembling of a grand jury.

Bill Dickenson has made a good strike in gold, silver and lead in the new fields around Dripping Springs. Bill has made a fortune in mines once and he thinks he can repeat the performance. Hope he is correct.

Jeff Bacour and Thomas Gibson, cattlemen of El Capitan, will stop punching cattle for a while. They have discovered the largest gold ledge in the Dripping Springs country, an extension of the Lost Soldier mine, of which Glissen and Lawrence are the owners. Jeff Bacour found the ledge by dry panning. The area of the gold bearing country is some three miles square.

Major Samuel O. L. Potter, brigadier surgeon U. S. V., came in last week and is the guest of Capt. E. H. Cook, of the United Globe. This is the first visit the major has paid Arizona since 1867, when he was with U. S. troops scouting through this part of the territory. Pleasant valley was named on this trip. The country has changed so much that only very prominent landmarks are recognized. Major Potter will go from here to old Fort McDowell and thence to Phoenix. There are some people who think a lost mine is the cause of this visit.

### General Mining.

The Mizona Mineral company of this city have sold two more of their copper properties on a year's bond and lease for \$37,000. These properties are located near Mayer, Arizona, not far from the properties they sold last week for \$50,000 on a year's bond and lease. The purchasers are to commence at once some extensive development work on the property. The heavy rains which have fallen during the past week have started up all the adjoining placer works. The company claims to have made even a larger profit on this sale than on the last one. While the Mizona Mineral company is an Arizona corporation, its officers and stockholders nearly all live in this city. —Kansas City Journal.

The output of the Arizona Copper company for last month was 890 tons of copper, which was a large increase over previous month's. In addition to this as a by-product 100 tons of bluestone were shipped, worth on an average of about 5 cents per pound. A small amount of sulphuric acid was also sold to the Pearce Mining company. The output of bluestone is being rapidly increased every month and Mr. Colquhoun soon expects to be producing about 200 tons per month, which, with the increased product of sulphuric acid, will be a tidy sum to put to the credit of the company every month. The company is rapidly building up an extensive trade on bluestone, which is now being shipped regularly to various parts of the United States.—Copper Era.

On Friday last the big smelter at Helvetia was burned to the ground. The fire started from a mass of slag which could not be controlled and ran from the jacket over the floor igniting the timbers and driving the men from the building. The tappers were unable to stop the flow of slag, and before they realized how serious the accident was they were driven from their places and the smelter was a mass of flames. The destruction was complete and it means a loss of \$100,000 to the company. No other buildings were burned. It is the intention of the company to at once rebuild the smelter. The loss is a temporary one and will probably be the cause of throwing a number of men out of employment for a time. But the work of rebuilding the smelter will require a large number of men, so that the loss will fall upon the company alone, and the camp will suffer only the temporary suspension of operations.

Major J. L. Bullis visited Arivaipa last week to look after his mines, which he has owned ever since he was located at San Carlos as Indian agent. Major Bullis has been stationed for several years at Fort Sam Houston, adjacent to San Antonio.

The St. Louis Gold Recovery company resumed operations Monday at Mammoth, says the Star. The plant has been shut down for some time owing to the litigation between the Mammoth cyanide company and itself. The matter was compromised and the two companies will be running full blast soon.

There is considerable excitement in Yuma over a reported rich and new

gold discovery in the King of Arizona mining district. We learn that the claim has been bonded to Ira P. Smith, assistant superintendent of the prison, in the sum of \$50,000, for California capitalists. It is understood that Frank M. Murphy is also interested in the deal. The find is located near the celebrated King of Arizona mine and the ore is of the same character. The owners of this new El Dorado are Charles de Corse, Alex. P. Alvarado, R. J. Bijo, J. M. Firgueroa and Rodela.

The night shift in the main working shaft of the Amalgamated Gold and Copper company's Kicker mine in Big Bug uncovered the sulphide zone last night. This is pleasant news to all friends of that section of Yavapai county, as it demonstrates that the ore shoot of the Rebel or McCabe vein is equal in length to the longest mineral zones yet found in Arizona.—Courier.

The thirty years for which the famous Calumet and Hecla Mining company of Michigan, was incorporated, will expire on April 21, 1901, and in anticipation of that event the company has renewed its corporate time for a period of thirty years from that date, articles of incorporation having been filed with the secretary of state. The capital stock is \$5,500,000. The company has paid \$64,000,000 in dividends.

The largest gold nugget ever found in this country was picked up on top of the ground in Big Bug district near Prescott. It is valued at about \$700, and is now in the possession of the Bank of Arizona.—Courier.

The directors of the Southwest Miners' association are making arrangements to place on exhibition in some of the eastern cities samples of all the mineral products of this southwestern region. This is a most laudable undertaking, one that will be productive of much good, says the Mining Review. It is therefore deserving of the assistance of everyone in this community. The directors can do much and will do much, but they cannot do all, nor should it be expected of them. If an exhibit is made of all the mineral products of this region it will prove an "eye-opener" to all who see it, and enable them to form some idea of the wealth and variety of the mineral resources of this southwestern land. All mining men having choice specimens of ore from their mines should send them to the association. In doing so they will be benefitting themselves.

BUTTE, Montana, Dec. 7.—What came nearly being the largest mining disaster in the history of Butte camp occurred today. Fortunately no lives were lost, but twenty-one unconscious and half suffocated miners were hauled to the surface by ropes from the Bell mine and laid in rows, while nearly all the doctors in the city worked over them, and by means of artificial respiration and strong stimulants finally succeeded in reviving all the victims. A month ago a fire broke out in the Bell shaft, one of the Ayaconda company's properties, and several attempts to extinguish it have proved unavailing. A force of men were put to work today in the air shaft 300 feet deep, with the intention of drifting to head off the fire in the main shaft. At noon men failed to come to the surface and a second gang was sent down to investigate. The second party also failed to return and a third shift was sent below. Many of the third shift were overcome by the sulphurous gases before a fourth party, protected by smoke helmets, reached the spot. The unconscious men were passed up the ladders one at a time with great difficulty until all were taken to the surface. It is not believed that any of the victims will sustain permanent injury.

The Oasis is informed by Mr. J. F. Tener, agent for the Duquesne Mining and Reduction company, owned by Mr. George Westinghouse, the millionaire manufacturer of Pittsburgh, Pennsylvania, that Mr. Westinghouse has bought the entire Buena Vista grant, comprising some seven thousand acres of land, and will erect thereon, at some point on the Santa Cruz river, a colossal reduction works and smelter, and a railway connecting the mines at Duquesne, the reduction works and Nogales. While not fully determined, it is thought that the capacity of the reduction works and smelter will be about 500 tons of ore daily. Mr. Tener will start for Pittsburgh on Sunday, December 16th, to make the final arrangements for the inauguration of this great work.

The Globe Belt says everything is moving like clock work at the works of the Old Dominion Mining company at Globe. Copper is flowing in a constant stream from the furnaces, and all departments in apple pie order. The output of copper is now larger than at any time in the history of the company, and as no unusual or expensive work is now under way the company is getting back a part of the large sums expended in unusual development and equipment. Superintendent S. A. Parnall is doubtless gratified in having gained the mark in efficient operation toward which he has been working for several years. The Old Dominion is now a model property and ably managed.

FACTORY selling mills, factories and general trade offer line on com. to Al men "Factory," Box 1371, New York.

## 105 YEARS OLD.

The Grandmother of Hon. B. A. Packard, of Bisbee.

Her Father Was on General Washington's Military Staff at Valley Forge.

On the occasion of the last birthday of Mrs. Rebekah Packard, which occurred on October 13th last, the following was published in the North American, of Philadelphia, as a special dispatch from Wellsboro, the home of Mrs. Packard. Mrs. Packard is the mother of Hon. B. A. Packard, well known all over Arizona. If our townsman lives as long as his grandmother he will surely enough be "Old Pack," a familiar nickname now often applied to him by his friends. The dispatch to the North American:

WELLSBORO, PA., October 13th. Mrs. Rebekah Packard, of Covington township, Tioga county, will celebrate the one hundred and fifth anniversary of her birth tomorrow. Preparations are under way for honoring Mrs. Packard in an appropriate manner. There will be a family reunion, and many of her friends will participate in the festivities.

Mrs. Packard was born on October 11, 1795 in Norfolk township, Litchfield county, Conn. She was the daughter of Russell Rose, a Revolutionary soldier, who was on General Washington's staff at Valley Forge.

In the winter of 1807-1808 Mr. Rose moved his family to Tioga county, and settled in what is now Ward township. The journey was made in sleighs. Since that time Mrs. Packard has resided in Tioga county, with the exception of two years, during which she lived in Yates county, N. Y. On June 30, 1814, she married John Packard, who died in 1842, leaving her with six sons and five daughters. The sons are all veterans of the civil war. Mrs. Packard has twenty-two grandchildren, and several descendants of the fourth generation.

Until she was 70 years old, Mrs. Packard was an indefatigable weaver of cloth and carpets. Since then she has done much fancy needlework and made many quilts. Each of her children and grandchildren have a quilt of her piece. One of the quilts, which was given to A. H. Packard, of Elmira, N. Y., contains over 1000 pieces, and was made by Mrs. Packard in her 98th year.

Mrs. Packard shows few evidences of her extreme age. She is healthy, fairly robust, eats heartily and is able to walk about the house and yard without aid. Her brain is clear, and she is well posted upon the topics of the day.

### Mail Carrier Killed—He Fell Over a Precipice.

Last Friday night David Perea was put on the Springerville mail cart as a new driver. He made the trip to Springerville all O. K., and started for St. Johns. When he was about eight miles from Springerville the horse left the road. As it was a dark, rainy night it was impossible for any person to see any landmarks whatever, so it seems that he let the horse take its own course. When the Little Colorado was reached it stopped, and the signs show that David got out to learn what was the cause of the horse stopping.

Little did he think he was in two steps of death's door, for in taking two steps he went over the edge of a 60-foot precipice and down into the canyon of the Little Colorado. His neck and left leg and arm were broken and the left temple probably fractured. The body was found in a sitting posture between two rocks, but all indications show that death had been instantaneous. A search party was organized and sent out after the boy was missed, and Basilio Cooper and the dead boy's brother, Pablo, were the first to find his remains, which were brought to St. Johns, and Justice Salazar held an inquest over his body and found that he had died by accident. St. Johns Herald.

Maricopa county is the banner prohibition county of the territory. It cast more than one-half of all the prohibition votes of Arizona.